



Law Enforcement Relations  
4 Sylvan Way, Parsippany, N.J. 07054  
Phone: (973) 292-8911 Fax: (973) 292-8697

August 31, 2020

T-Mobile / MetroPCS Tracking ID: 2823227

I, Deisi Franco, attest, under penalty of perjury under the laws of the United States of America pursuant to 28 U.S.C. Section 1746, that the information contained in this declaration is true and correct. I am a United States citizen and am over eighteen years of age. I am employed by T-Mobile US, Inc. (hereinafter, "the Company") as a custodian of records and therefore am qualified as a result of my position to make this declaration. My official title is Custodian of Records.

I certify that all of the records described below and attached hereto are duplicates of the original and are true and complete copies of records maintained by the Company. Said records consist of several electronic files produced in T-Mobile US, Inc. Case No.2823227 in response to a lawful request issued to the company.

### Description of records:

MSISDN/Identifier	Start Date	End Date	Requested Item
2673108421	07/23/2019	07/26/2019	Call Details With Cell Sites

I further state that:

- A) Such records were made at or near the time of the occurrence of the matters set forth by (or from information transmitted by) a person with knowledge of those matters;
- B) Such records were kept in the course of regularly conducted business activity;
- C) The business activity made such records as a regular practice; and
- D) If such record is not the original, such record is a duplicate of the original.

This certification is intended to satisfy Rules 803(6), 902(11), 902(13) and / or 902(14) of the Federal Rules of Evidence and / or any state equivalents.

I hereby certify that the foregoing statement made by me is true. I understand that if any of the statements made by me herein are willfully false, I am subject to punishment.

Sincerely

Law Enforcement Relations Group

Information Provided To:

Agency: Civil Attorney  
Requestor: DAVID JOKELSON  
Agent Address: JOKELSON LAW GROUP PC  
Billing City, State, Zip: PHILA, PA 19102-0000  
Provided On: July 15, 2020



Request Submission Response

This is in response to the Court Order, 20-cv-01926, dated July 01, 2020, which was served upon T-Mobile US, Inc. You have requested information for the subscriber associated with MSISDN: 2673108421. All times below are reflected in Coordinated Universal Time (UTC). The records produced are the equivalent of the specific time frame requested: 07/23/2019 12:00:00 AM - 07/25/2019 11:59:59 PM Eastern Standard Time.

Date	Time	Duration	Call Type	Direction	Calling Number	Dialed Number	Called Number	Destination Number	IMSI	IMEI	Completion Code	Service Code	Switch Name	1st LTE Site ID	1st LTE Sector ID	1st LAC	1st Cell ID	1st Tower Azimuth	1st Tower LAT	1st Tower LONG	1st Tower Address	1st Tower City	1st Tower State	1st Tower Zip	Last LTE Site ID	Last LTE Sector ID	Last LAC ID	Last Cell ID	Last Tower Azimuth	Last Tower LAT	Last Tower LONG	Last Tower Address	Last Tower City	Last Tower State	Last Tower Zip	
2019-07-23	06:34:38	1	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	02A:11	CTTAS202	40451	3		300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152													
2019-07-23	06:35:11	1	moc	Outgoing	12673386653	18056377249	18056377249	14699829999	310260072738688	356571084840190	Completed Successfully	02A	CTTAS202	40451	3		300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152													
2019-07-23	12:26:52		SMSC		17324107217		12673108421				Completed Successfully		mavms_pol02																							
2019-07-23	12:37:28		SMSC		16102996216		12673108421				Completed Successfully		mavms_pol02																							
2019-07-23	12:37:29		SMSC		16102996216		12673108421				Completed Successfully		mavms_pol02																							
2019-07-23	13:30:42	12	mtc	Incoming	12673978292	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	02A:11	CTTAS202	40451	3		300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152													
2019-07-23	13:31:15	12	moc	Outgoing	12673978292	18056377249	18056377249	14699829999	310260072738688	356571084840190	Completed Successfully	02A	CTTAS202	40451	3		300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152													
2019-07-23	14:24:28	7	mtc	Incoming	18182756311	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	029:11	CTTAS202	40451	3		300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152													
2019-07-23	14:24:32	7	moc	Outgoing	18182756311	18056377249	18056377249	14699829999	310260072738688	356571084840190	Completed Successfully	29	CTTAS202	40451	3		300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152													
2019-07-23	14:24:43	53	mtc	Incoming	18182756311	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	029:11	CTTAS202	40451	3		300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152													
2019-07-23	14:24:45	53	moc	Outgoing	18182756311	18056377249	18056377249	14699829999	310260072738688	356571084840190	Completed Successfully	29	CTTAS202	40451	3		300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152													
2019-07-23	14:25:41		SMSC		128		12673108421				Completed Successfully		mavms_pol02																							
2019-07-23	18:33:15	2	moc	Outgoing	12673108421	12673978292	12673978292	12673978292	310260072738688	356571084840190	Completed Successfully		CTTAS202	40451	3		300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152													
2019-07-23	18:53:08		SMSC		16102996216		12673108421				Completed Successfully		mavms_pol02																							
2019-07-23	18:53:09		SMSC		16102996216		12673108421				Completed Successfully		mavms_pol02																							
2019-07-23	18:55:30		SMSC		12673108421		16102996216				Completed Successfully		mavms_pol01																							
2019-07-23	18:57:53		SMSC		16102996216		12673108421				Completed Successfully		mavms_pol02																							
2019-07-23	18:58:32		SMSC		12673108421		16102996216				Completed Successfully		mavms_pol02																							
2019-07-23	19:02:35		SMSC		16102996216		12673108421				Completed Successfully		mavms_pol02																							
2019-07-23	19:15:35	1658	mtc	Incoming	12679042737	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	011:42	CTTAS202	40451	3		300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152													
2019-07-23	19:31:57		SMSC		16102996216		12673108421				Completed Successfully		mavms_pol02																							
2019-07-23	19:33:48		SMSC		12673108421		16102996216				Completed Successfully		mavms_ttn02																							
2019-07-23	19:37:08	95	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	041:11	CTTAS202	40451	3		300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152													
2019-07-23	19:42:05		SMSC		16102996216		12673108421				Completed Successfully		mavms_pol02																							
2019-07-23	19:47:08	161	moc	Outgoing	12673108421	12156989200	12156989200	12156989200	310260072738688	356571084840190	Completed Successfully		CTTAS202	40451	3		300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152													
2019-07-23	19:49:56	101	moc	Outgoing	12673108421	12673386653	12673386653	12673386653	310260072738688	356571084840190	Completed Successfully		CTTAS202	40451	3		300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152													
2019-07-23	19:54:33		SMSC		17324107217		12673108421				Completed Successfully		mavms_pol02																							
2019-07-23	20:06:41	81	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	11	CTTAS202	40451	3		300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152													
2019-07-23	20:37:29	89	mtc	Incoming	12673386653	12673108421	12673108421	12673108421	310260072738688	356571084840190	Completed Successfully	11	CTTAS202	40451	3		300	40.069396	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152													
2019-07-23	23:25:21		SMSC		16102996216		12673108421				Completed Successfully		mavms_pol02																							
2019-07-23	23:26:11		SMSC		12673108421		16102996216				Completed Successfully		mavms_pol01																							

2019-07-25	01:03:10	285	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	11	NITAS202	46279	8	250	40.01219	-75.06237	5458 Tacony St	Philadelphia	PA	19137
2019-07-25	01:08:24	19	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	11	NITAS202	46738	1	40	40.02801	-75.0585	6325 Franklin Ave.	Philadelphia	PA	19135
2019-07-25	01:09:00	3	moc	Outgoing	12673108421	1267386653	1267386653	1267386653	1267386653	356571084840190	Completed Successfully	11	NITAS202	47811	1	40	40.03374	-75.04701	7425 State Rd	Philadelphia	PA	19136
2019-07-25	01:09:15	79	moc	Outgoing	12673108421	1267386653	1267386653	1267386653	1267386653	356571084840190	Completed Successfully	42	NITAS202	47811	1	40	40.03374	-75.04701	7425 State Rd	Philadelphia	PA	19136
2019-07-25	01:11:22	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	12673108421	356571084840190	Abnormal Completion	11	NITAS202	42597	10	190	40.03639	-75.04222	7232 Franklin Ave.	Philadelphia	PA	19135
2019-07-25	01:11:43	mtc	Incoming	12673108421	1267386653	12673108421	12673108421	12673108421	12673108421	356571084840190	Abnormal Completion	11	NITAS202	40451	1	130	40.06871	-75.02943	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	01:12:23	3	moc	Outgoing	12673108421	1267386653	1267386653	1267386653	1267386653	356571084840190	Completed Successfully	11	NITAS202	42324	1	170	40.08087	-75.02695	9501 Roosevelt Blvd.	Philadelphia	PA	19114
2019-07-25	01:23:30	6	moc	Outgoing	12673108421	1267386653	1267386653	1267386653	1267386653	356571084840190	Completed Successfully	11	NITAS202	42324	5	170	40.08087	-75.02695	9501 Roosevelt Blvd.	Philadelphia	PA	19114
2019-07-25	01:32:15	12	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	029:11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	01:32:21	12	moc	Outgoing	1267386653	1805637249	1805637249	1699829999	12673108421	356571084840190	Completed Successfully	29	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	01:32:36	9	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	01:36:39	32	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	01:37:18	25	mtc	Incoming	12673108421	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	01:37:49	16	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	02:26:38	SMSC			16102996216	12673108421	12673108421	12673108421	12673108421		Completed Successfully		mavmsm_pool2									
2019-07-25	02:39:36	mtc	Incoming	1267361091033	12673108421	12673108421	12673108421	12673108421	12673108421	356571084840190	Abnormal Completion	11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	02:57:28	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	12673108421	356571084840190	Abnormal Completion	11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	03:03:03	13	moc	Outgoing	12673108421	12673691033	12673691033	12673691033	12673691033	356571084840190	Completed Successfully	11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	03:03:24	moc	Outgoing	12673108421	1267386653	1267386653	1267386653	1267386653	1267386653	356571084840190	Abnormal Completion	11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	03:24:17	927	Incoming	12673108421	1267386653	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	03:50:16	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	12673108421	356571084840190	Abnormal Completion	11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	03:52:22	522	moc	Outgoing	12673108421	1267386653	1267386653	1267386653	1267386653	356571084840190	Completed Successfully	11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	04:50:56	243	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:46:41	5	mtc	Incoming	12672938342	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	02A:11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:47:14	5	moc	Outgoing	12672938342	1805637249	1805637249	1699829999	12673108421	356571084840190	Completed Successfully	02A	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:51:34	2	mtc	Incoming	12673108421	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	02A:11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:52:07	2	moc	Outgoing	1267386653	1805637249	1805637249	1699829999	12673108421	356571084840190	Completed Successfully	02A	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:52:13	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	12673108421	356571084840190	Abnormal Completion	02A:11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:52:45	moc	Outgoing	1267386653	1805637249	1805637249	1805637249	1699829999	12673108421	356571084840190	Abnormal Completion	02A	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:52:50	110	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:57:25	27	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:58:32	2	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	02A:11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	14:59:04	2	moc	Outgoing	1267386653	1805637249	1805637249	1699829999	12673108421	356571084840190	Completed Successfully	11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	15:02:05	172	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	15:24:34	3	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	02A:11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	15:25:07	3	moc	Outgoing	1267386653	1805637249	1805637249	1699829999	12673108421	356571084840190	Completed Successfully	02A	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	18:09:29	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	12673108421	356571084840190	Abnormal Completion	02A:11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	18:10:00	moc	Outgoing	1267386653	1805637249	1805637249	1805637249	1699829999	12673108421	356571084840190	Abnormal Completion	02A	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	18:11:54	297	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	356571084840190	Abnormal Completion	11	NITAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	19:48:24	SMSC			9701	12673108421	12673108421	12673108421	12673108421		Completed Successfully		mavmsm_pool1									
2019-07-25	19:58:03	8	mtc	Incoming	16092847835	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	11	CTTAS202	40451	3	300	40.06936	-75.02978	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	21:03:45	mtc	Outgoing	12673108421	1267386653	1267386653	1267386653	1267386653	1267386653	356571084840190	Abnormal Completion	11	CTTAS202	40451	1	130	40.06871	-75.02943	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	21:05:28	421	mtc	Incoming	1267386653	12673108421	12673108421	12673108421	12673108421	356571084840190	Completed Successfully	11	CTTAS202	40451	1	130	40.06871	-75.02943	2555 Welsh Rd	Philadelphia	PA	19152
2019-07-25	22:28:53	SMSC			16102996216	12673108421	12673108421	12673108421	12673108421		Completed Successfully		mavmsm_pool2									
2019-07-25	22:29:34	SMSC			12673108421	16102996216	16102996216	16102996216	16102996216		Completed Successfully		mavmsm_pool1									
2019-07-25	22:30:50	SMSC			12673108421	16102996216	16102996216	16102996216	16102996216		Completed Successfully		mavmsm_pool2									
2019-07-25	22:32:59	SMSC			12673108421	16102996216	16102996216	16102996216	16102996216		Completed Successfully		mavmsm_pool1									
2019-07-25	22:33:48	SMSC			16102996216	12673108421	12673108421	12673108421	12673108421		Completed Successfully		mavmsm_pool2									
2019-07-25	22:34:20	SMSC			12673108421	16102996216	16102996216	16102996216	16102996216		Completed Successfully		mavmsm_pool1									
2019-07-25	22:36:16	SMSC			16102996216	12673108421	12673108421	12673108421	12673108421		Completed Successfully		mavmsm_pool2									
2019-07-25	22:36:35	SMSC		</																		



Law Enforcement Relations Group  
4 Sylvan Way  
Parsippany, NJ 07054  
Direct Dial: 973-292-8911  
Fax: (973) 292-8697

**NOTICE REGARDING TIMESTAMP ON TMUS CALL DETAIL RECORDS**

T-Mobile US, Inc. (which includes T-Mobile USA and Metro PCS) stores and maintains call detail records in several different native formats. The most current call detail records are stored and maintained in Coordinated Universal Time ("UTC"). UTC is not a time zone, but a time standard that is the basis for civil time and time zones worldwide. UTC operates independently of country specific time zones and/or seasonal adjustments, such as Daylight Savings Time. Older call detail records are stored and maintained in the time zone associated with the user's location at the time of the call. UTC is the equivalent of GMT.

If you received call detail records in a spreadsheet format, they are timestamped in UTC. If call records have been produced, the transactions reflect UTC timestamps that correspond with the dates and times specifically identified in the legal demand.

A list of the most commonly requested records is listed below, together with the associated native formats.

VOICE CALLS, CELL SITES, SMS – Most recent 24 months	UTC
VOICE CALLS – Older than 24 months (postpaid only)	User Location at time of call
SMS – Older than 24 months (postpaid only)	PST/PDT
MMS – any age (if available)	PST/PDT
Data Sessions – up to 180 days	UTC

The resources below will assist your preparation of a description of records that corresponds with UTC.

To convert records to your local time, you will need to use a converter, such as:  
[http://www.worldtimeserver.com/convert\\_time\\_in.UTC.aspx](http://www.worldtimeserver.com/convert_time_in.UTC.aspx)

For more information on UTC, you may visit:  
<http://www.timeanddate.com/time/aboututc.html>

Any questions regarding this notice may be directed to [LER2@T-Mobile.com](mailto:LER2@T-Mobile.com). Please be sure to include the Tracking ID that appears of the initial response with all questions and inquiries.

## Interpreting Call Detail Records

Your response includes Call Detail Records (CDR) either with or without location. Our query results in an Excel file with multiple columns. This is a combined report of calls and messages. Each row represents one call on the T-Mobile network. Some fields only appear in reports with location information. T-Mobile does not retain the content of text messages.

Calls made while roaming also **do not** appear on this report.

As of February 2020, T-Mobile retains the metadata for certain types of 4G/LTE based text messages (SMSc and RCS) for only 22 months. If your records contain detail older than 22 months from the date of production, these messages may not be represented. T-Mobile still retains details of all network originated voice transactions for 24 months.

Entries with outgoing calls to 8056377249 indicate incoming calls that are forwarded (out) to the voicemail system. Entries with outgoing calls to 8056377243 = 805-MESSAGE indicate voicemail retrieval.

Please remember that T-Mobile CDR systems natively use Coordinated Universal Time (UTC). By default, that means a day of call detail records are taken from 00:00:01 to 23:59:59 UTC which may differ from your intended time range due to your time zone. If specific times other than our default are important to your inquiry, please submit legal demands with the date range/time frame adjusted for UTC to avoid delay or confusion. We are unable to convert the time displayed in the records to the local time of the handset.

The columns present on your CDR may be:

COLUMN NAME	DESCRIPTION	LOCATION RPT ONLY?	NOTES
Date	Date format mm/dd/yyyy	NO	
(UTC) Time	24 hour time format - hh:mm:ss in UTC	NO	In UTC time
Duration	Duration in seconds	NO	
Call Type	Type of call: callForwarding = Forwarded Call; mSOriginating = Outgoing Voice Call; mSTerminating = Incoming Voice; mSOriginatingSMSinMSC = Outgoing SMS; mSTerminatingSMSinMSC = Incoming SMS; moc=Mobile Originating Call; mtc= Mobile Terminating Call; SMSc = text message; RCS-IMChat = rich content message, multimedia and text	NO	Cell Site location is not available for Call Types SMSc and RCS-IMChat  For SMSc messaging, T-Mobile provides record of any activity between the requested target number and any other customers utilizing the T-Mobile network for the time and date range requested regardless if the target number currently is/was assigned to T-Mobile or a T-Mobile wholesale partner.
Direction	Outgoing or Incoming to the target telephone number	NO	
Calling Number	Phone number that initiated the call	NO	
Dialed Number	Dialed digits	NO	
Called Number	Phone number that received the call	NO	
Destination Number	The final destination number to which the network has connected the call (might be different from the one dialed by subscriber if network translation was applied)	NO	
IMSI	International Mobile Subscriber Identity of the target number, if present	NO	
IMEI	International Mobile Equipment Identity of the target number, if present	NO	
Completion Code	Completed successfully or Abnormal Completion (network interruption). Abnormal completion calls display on this report but may or may not show on a customer's bill.	NO	

<b>Service Code</b>	11 Calling line identification presentation 12 Calling line identification restriction 13 Connected Line ID Presentation 20 All Call Forwarding Services 21 Call Forwarding Unconditional (CFU) 28 All Cond Call Forwarding Services 29 Call Forwarding on Mobile Subscriber Busy (CFB) 2A Call Forwarding on No Reply (CFNRy) 2B Call Forwarding on Not Reachable (CFNRc) 31 Explicit Call Transfer (ECT) 42 Call Hold 41 Call waiting 51 Multi-Party (MPY)	NO	
<b>Switch Name</b>	Name of the switch which was used to deliver the call to the target number.	NO	This is NOT an indication of the location of the device.
<b>1st LTE Site ID</b>	EnodeBid value in decimal	YES	Only present if the call was over LTE
<b>1st LTE Sector ID</b>	ID of the first sector used if the site is an LTE site	YES	Only present if the call was over LTE
<b>1st LAC</b>	1st LAC value in decimal	YES	Not present if the call was over LTE
<b>1st Cell ID</b>	1st Cell Site ID value in decimal	YES	Not present if the call was over LTE
<b>1st Tower Azimuth</b>	Location: Azimuth orientation of antenna serving user if available (see note below)	YES	
<b>1st Tower LAT</b>	Latitude of 1st cell tower used.	YES	
<b>1st Tower LONG</b>	Longitude of 1st cell tower used.	YES	
<b>1st Tower Address</b>	Street Address of the 1st serving tower if available	YES	
<b>1st Tower City</b>	City of the 1st serving tower if available	YES	
<b>1st Tower State</b>	State of the 1st serving tower if available	YES	
<b>1st Tower Zip</b>	ZIP of the 1st serving tower if available	YES	
<b>Last LTE Site ID</b>	EnodeBid value in decimal	YES	Only present if the call was over LTE
<b>Last LTE Sector ID</b>	ID of the last sector used if the site is an LTE site	YES	Only present if the call was over LTE
<b>Last LAC ID</b>	Last LAC value in decimal	YES	Not present if the call was over LTE
<b>Last Cell ID</b>	Last Cell Site ID value in decimal	YES	Not present if the call was over LTE
<b>Last Tower Azimuth</b>	Azimuth orientation of antenna serving user if available (see note below)	YES	
<b>Last Tower LAT</b>	Latitude of last cell tower used.	YES	
<b>Last Tower LONG</b>	Longitude of last cell tower used.	YES	
<b>Last Tower Address</b>	Street Address of the last serving tower if available	YES	
<b>Last Tower City</b>	City of the last serving tower if available	YES	
<b>Last Tower State</b>	State of the last serving tower if available	YES	
<b>Last Tower Zip</b>	ZIP of the last serving tower if available	YES	

A NOTE ON AZIMUTH: The azimuth listed is the center compass degree facing of the identified sector of the tower. Generally, the coverage of a tower is circular and divided in three equal pieces (each 120 degrees wide). Due north is 0, due south is 180. However, not every tower is aligned with the first sector starting at 0. Using the listed azimuth, rough direction from the tower can be calculated for a call. The center degree of the sector's facing is indicated in this field. For example, if a facing has a listed orientation of 90, the center of the coverage is pointed at 90 degrees but the sector will cover traffic from roughly 60 degrees on either side (thus 30 to 150 degrees in this example).

For more information on UTC, please visit: <http://www.timeanddate.com/time/aboututc.html>. To convert records to your local time, you will need to use a converter such as [http://www.worldtimeserver.com/convert\\_time\\_in\\_UTC.aspx](http://www.worldtimeserver.com/convert_time_in_UTC.aspx).